B2

Mature rice seeds are sterilized with 70 % ethyl alcohol for 10 minutes, and with 3 % sodium hypochlorite for 1 hour after stripping the hulls therefrom. After sterilization, the seeds are washed with sterilized water 3 times, and bedded on a pH 5.8 N6 medium (2N6 medium) containing 1 g/l casamino acid, 30 g/l sucrose, 2 mg/1 2, 4-dichlorophenoxyacetic acid, and 2 g/l Gelrite®, and cultured at 28° C in the dark for 3 to 5 weeks.

REMARKS

Applicant has amended the specification for minor changes. No new matter has been added to the application as a result of this amendment.

In view of the above amendments and Applicant's comments stated herein, Applicant respectfully requests an early and favorable action on the merits.

Respectfully submitted,

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Then, each vector to which each of the genes has been connected is introduced into Agrobacterium tumefaciens EHA 101 by electroporation The Agrobacterium tumefaciens in which each construct (FIGS 1A to 1D) has been introduced is cultured and grown in a YEP medium containing Bacto® Pepton (10 g/l), Bacto® Yeast Extract (10 g/l), sodium chloride (5 g/l), 1M magnesium chloride (2 ml/l), and hygromycine B (50 mg/l) at 28° C. Gene introduction is carried out by infecting the callus cell of rice with the Agrobacterium tumefaciens into which each construct (FIGS. 1A-1D) has been introduced. The construct D is so designed that the two genes (the P5CS gene and the ProDH gene) are connected to each other in tandem to be simultaneously introduced. However, even if the construct A and C are mixed for coinfection, it is also possible to obtain the same effects as with the construct D.

Mature rice seeds are sterilized with 70 % ethyl alcohol for 10 minutes, and with 3 % sodium hypochlorite for 1 hour after stripping the hulls therefrom. After sterilization, the seeds are washed with sterilized water 3 times, and bedded on a pH 5.8 N6 medium (2N6 medium) containing 1 g/l casamino acid, 30 g/l sucrose, 2 mg/1 2, 4-dichlorophenoxyacetic acid, and 2 g/l Gelrite®, and cultured at 28° C in the dark for 3 to 5 weeks.